

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031850.D
 Acq On : 20 Aug 2021 20:18
 Operator : CG/JU
 Sample : M3394-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-01-0510

Quant Time: Aug 21 04:25:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

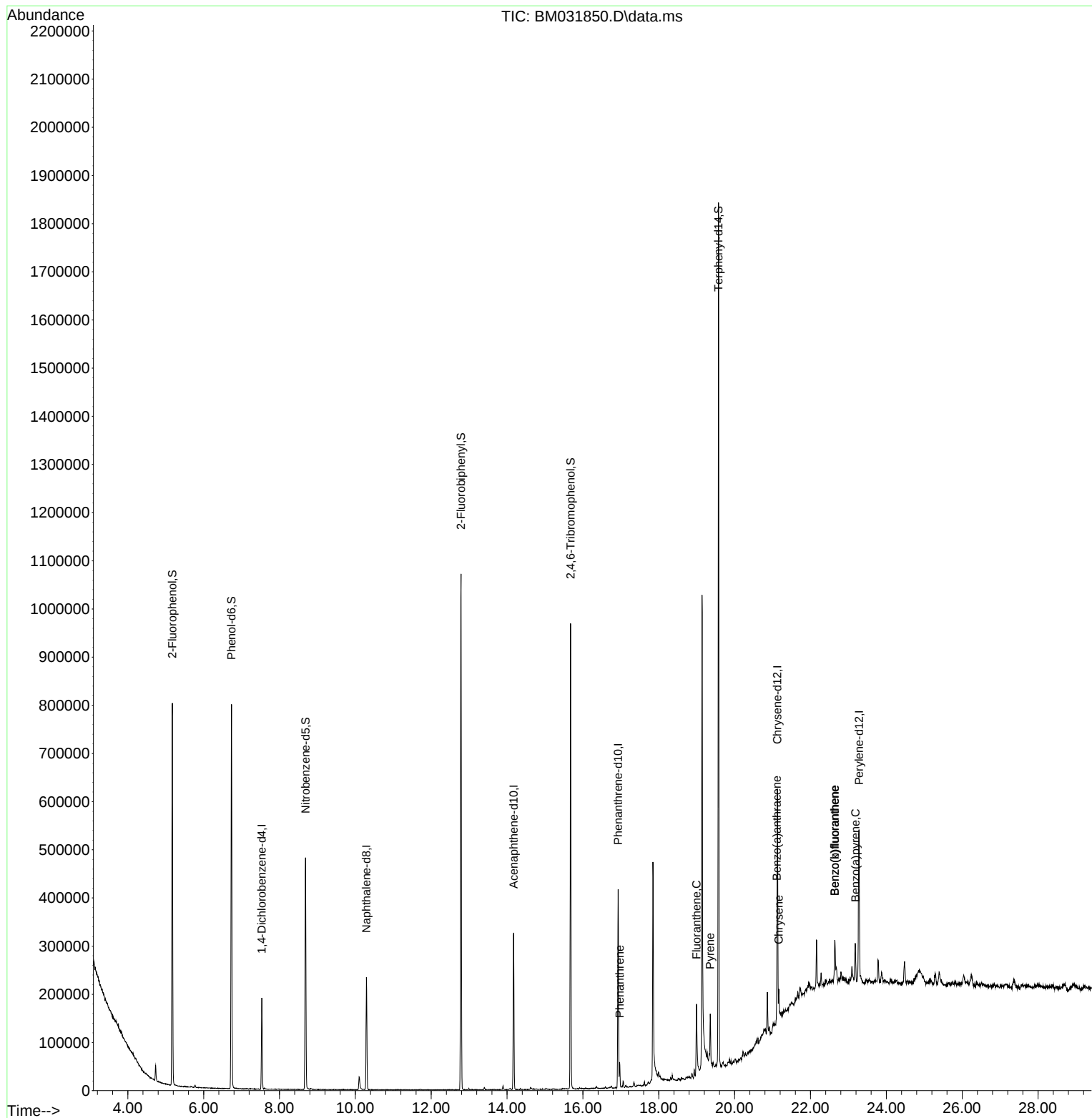
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	41731	20.000	ng	# 0.00
21) Naphthalene-d8	10.292	136	171421	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	102576	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	211220	20.000	ng	0.00
76) Chrysene-d12	21.127	240	189481	20.000	ng	# 0.00
86) Perylene-d12	23.280	264	194018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	282881	108.798	ng	0.00
7) Phenol-d6	6.734	99	362851	96.309	ng	0.00
23) Nitrobenzene-d5	8.687	82	253919	62.022	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	116192	91.971	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	480832	62.392	ng	0.00
79) Terphenyl-d14	19.574	244	666711	59.284	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.968	178	27825	2.160	ng	99
75) Fluoranthene	18.992	202	70117	4.544	ng	98
78) Pyrene	19.356	202	58235	4.242	ng	98
81) Benzo(a)anthracene	21.115	228	31985	2.305	ng	97
83) Chrysene	21.162	228	27981	2.068	ng	96
88) Benzo(b)fluoranthene	22.639	252	39357	2.702	ng	# 90
89) Benzo(k)fluoranthene	22.639	252	39357	2.799	ng	# 90
90) Benzo(a)pyrene	23.186	252	27694	2.147	ng	# 89

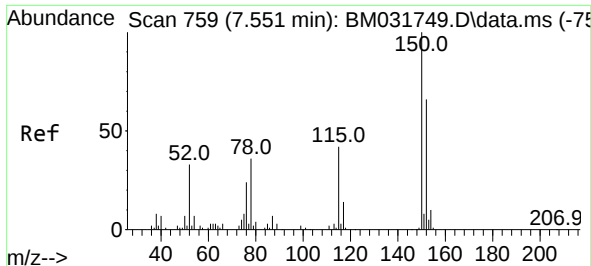
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
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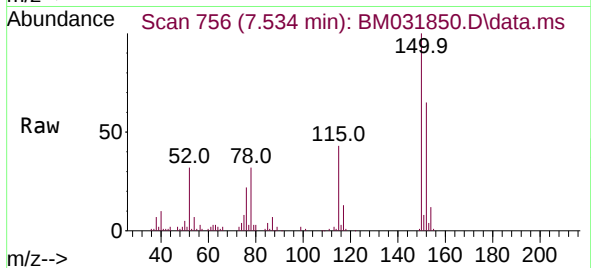
Quant Time: Aug 21 04:25:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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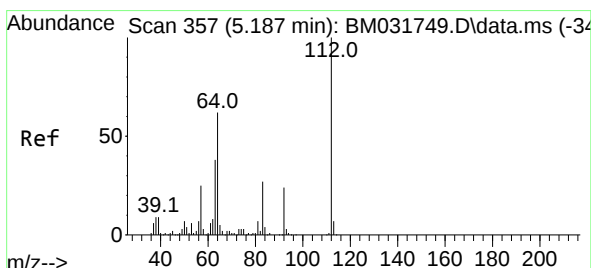
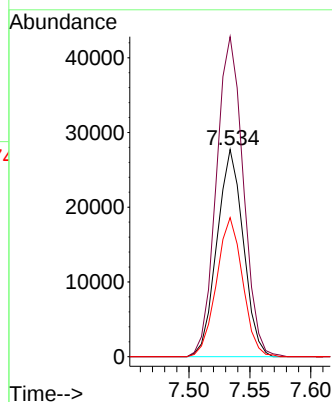
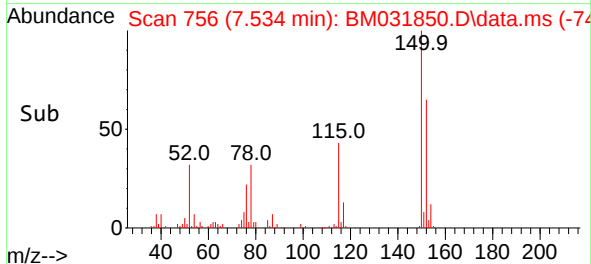


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

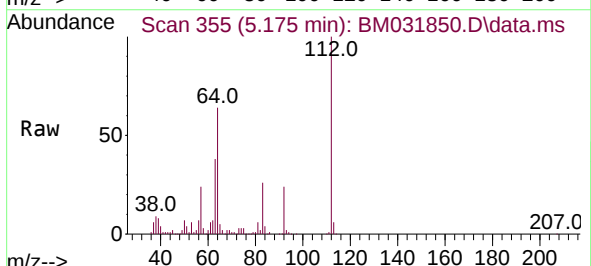
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0510



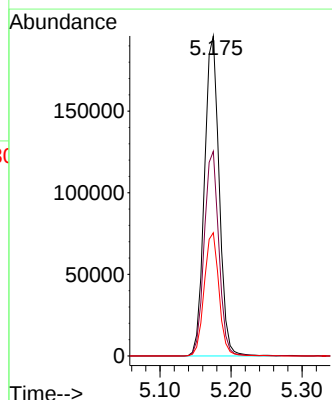
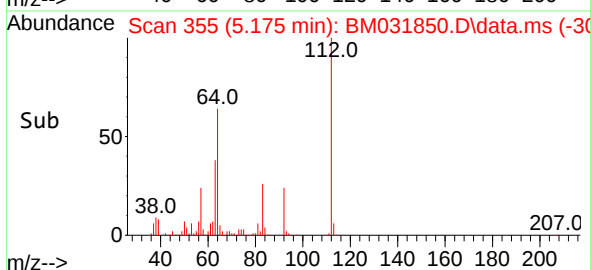
Tgt Ion:152 Resp: 41731
Ion Ratio Lower Upper
152 100
150 154.4 125.9 188.9
115 67.1 44.6 67.0#

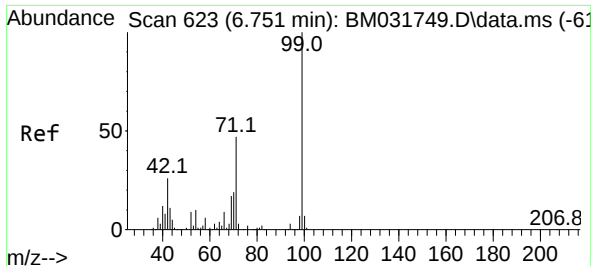


#5
2-Fluorophenol
Concen: 108.798 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18



Tgt Ion:112 Resp: 282881
Ion Ratio Lower Upper
112 100
64 63.9 47.1 70.7
63 38.5 27.3 40.9

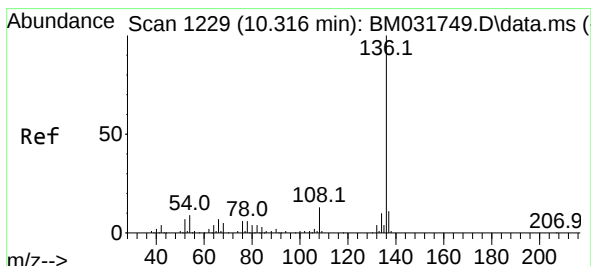
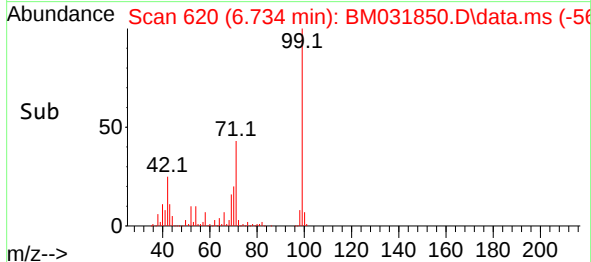
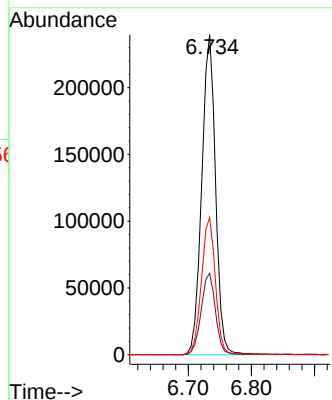
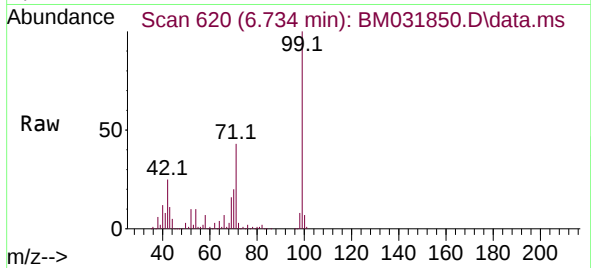




#7
Phenol-d6
Concen: 96.309 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

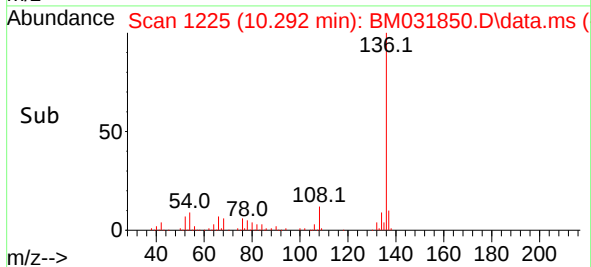
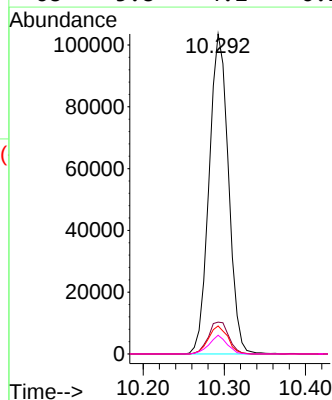
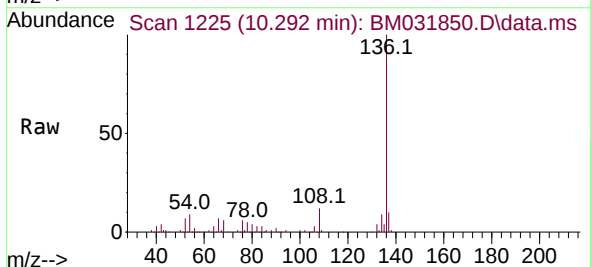
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0510

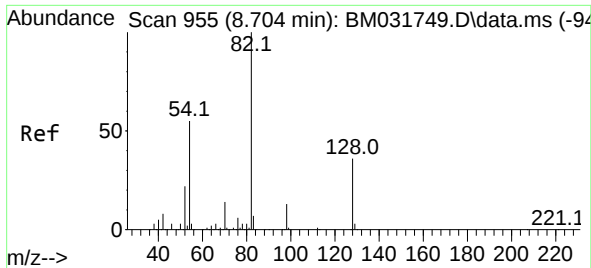
Tgt Ion: 99 Resp: 362851
Ion Ratio Lower Upper
99 100
42 25.4 18.0 27.0
71 42.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

Tgt Ion: 136 Resp: 171421
Ion Ratio Lower Upper
136 100
137 10.0 8.4 12.6
54 8.7 5.5 8.3#
68 5.8 4.2 6.2

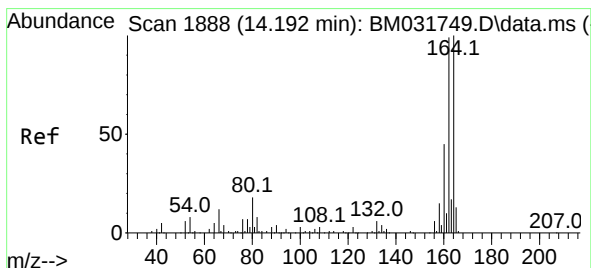
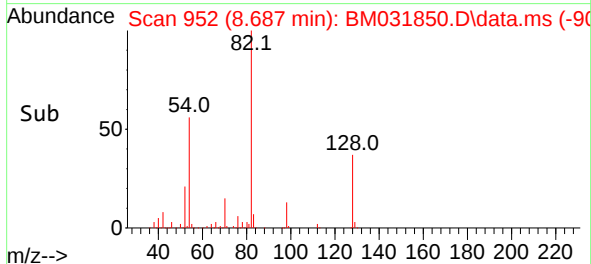
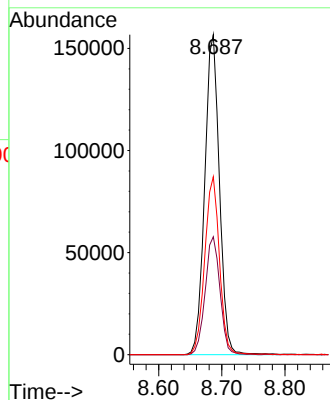
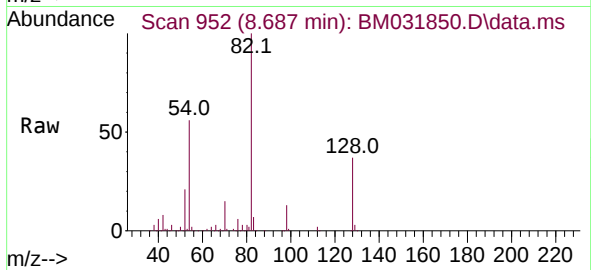




#23
Nitrobenzene-d5
Concen: 62.022 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

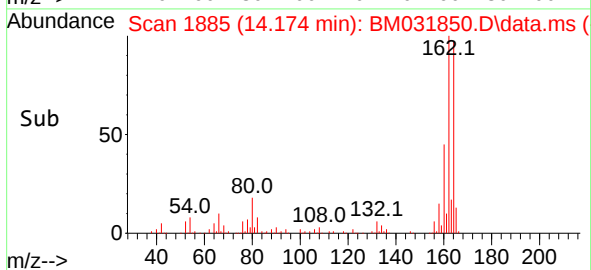
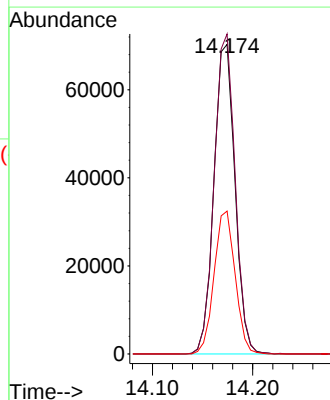
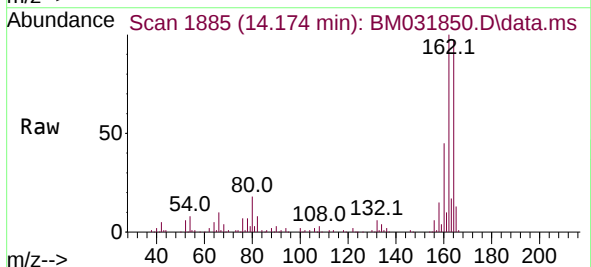
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0510

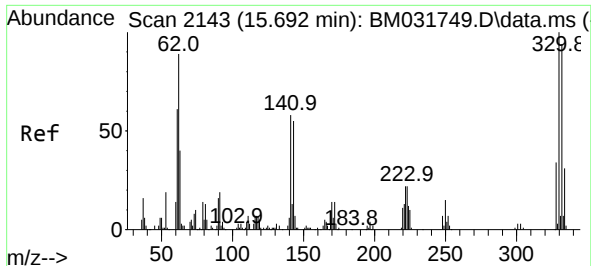
Tgt Ion: 82 Resp: 253919
Ion Ratio Lower Upper
82 100
128 36.8 31.1 46.7
54 55.6 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

Tgt Ion: 164 Resp: 102576
Ion Ratio Lower Upper
164 100
162 103.3 83.4 125.0
160 46.1 37.2 55.8

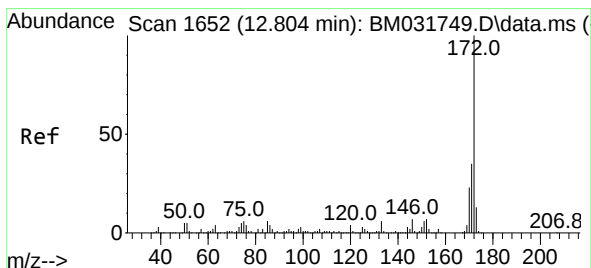
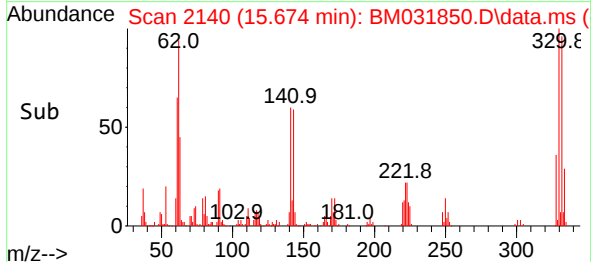
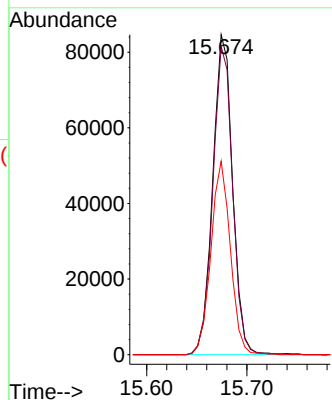
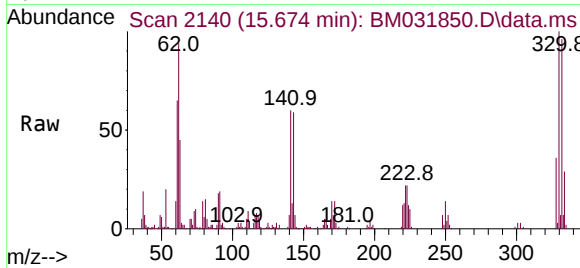




#42
2,4,6-Tribromophenol
Concen: 91.971 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

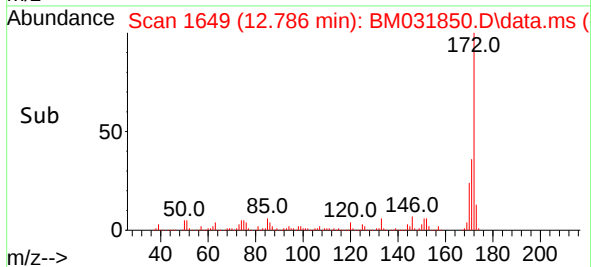
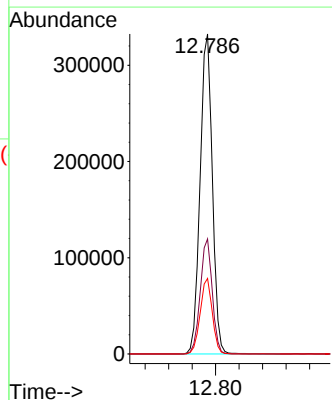
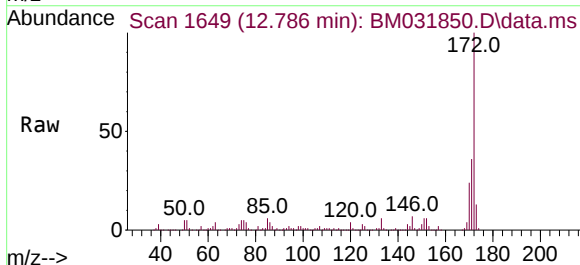
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0510

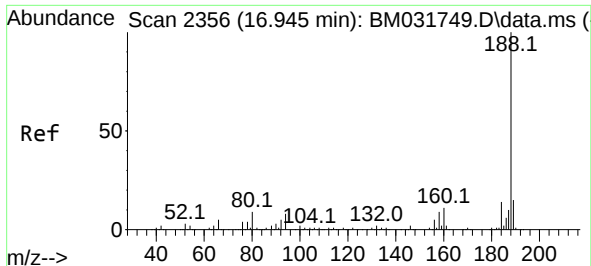
Tgt Ion:330 Resp: 116192
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 59.6 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 62.392 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

Tgt Ion:172 Resp: 480832
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.6 18.4 27.6

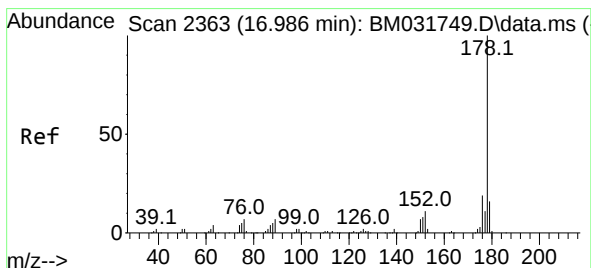
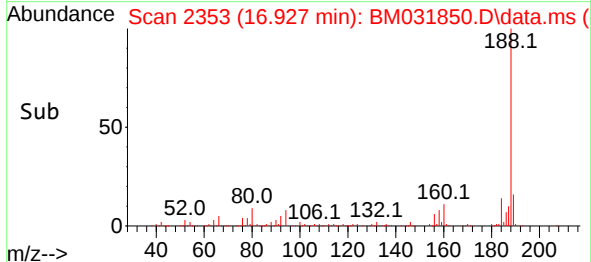
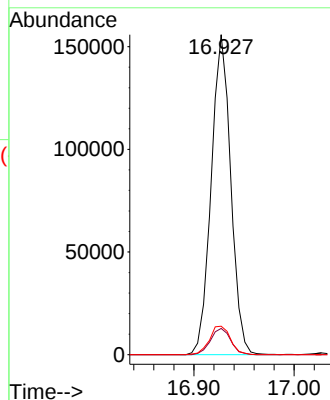
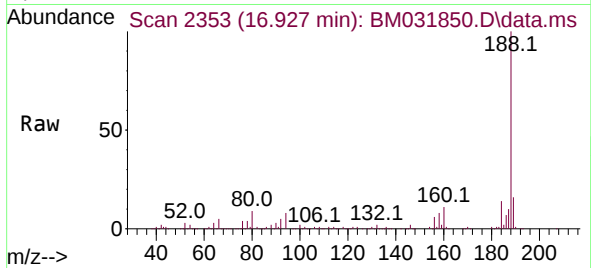




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

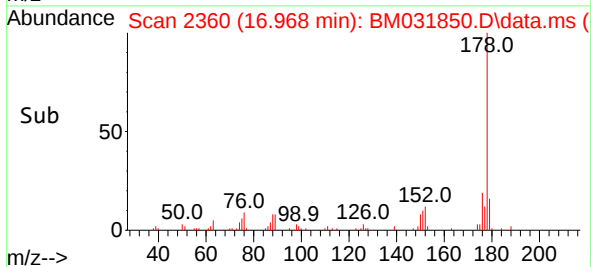
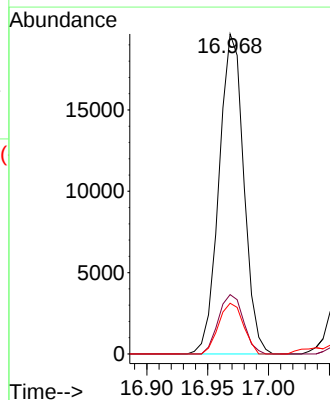
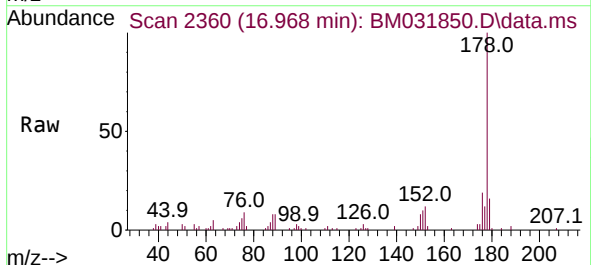
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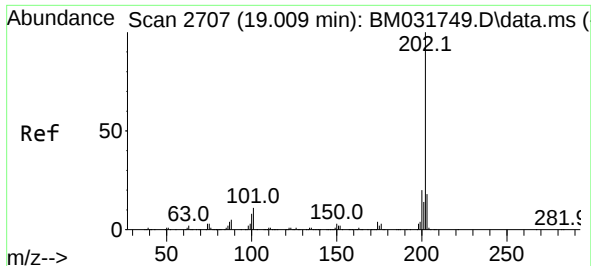
Tgt Ion:188 Resp: 211220
Ion Ratio Lower Upper
188 100
94 8.2 6.0 9.0
80 8.9 6.6 9.8



#71
Phenanthrene
Concen: 2.160 ng
RT: 16.968 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

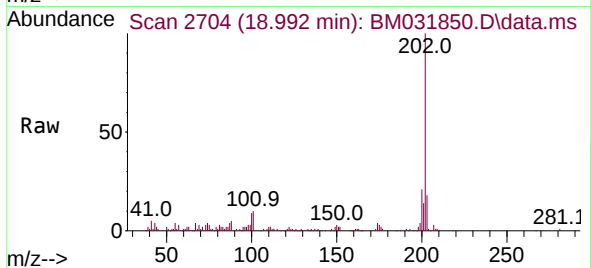
Tgt Ion:178 Resp: 27825
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.8 12.2 18.4



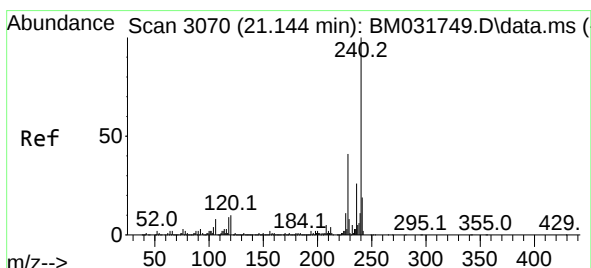
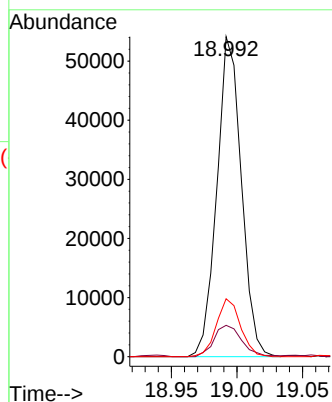
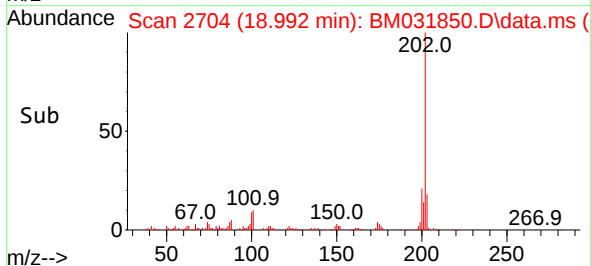


#75
Fluoranthene
Concen: 4.544 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

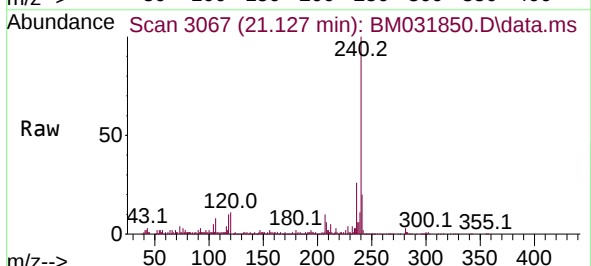
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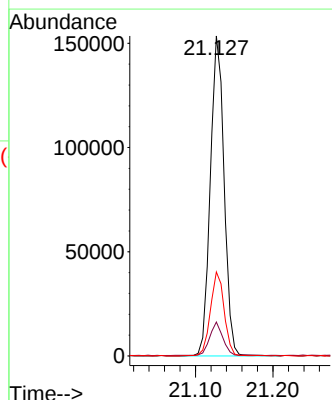
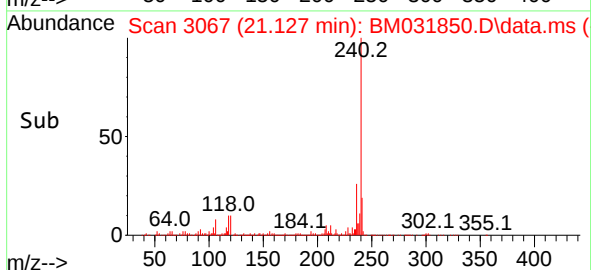
Tgt Ion:202 Resp: 70117
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.6
203 18.1 0.0 37.3

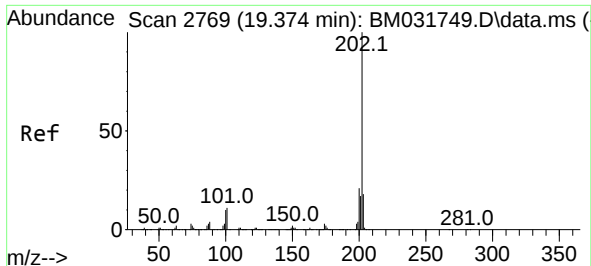


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18



Tgt Ion:240 Resp: 189481
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6#
236 26.2 21.0 31.4

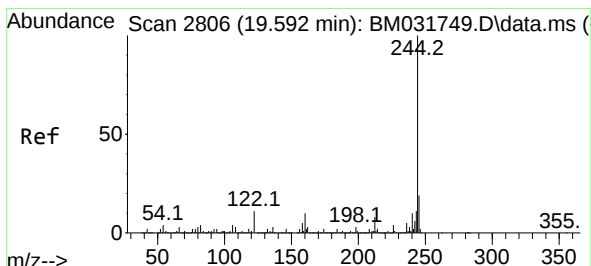
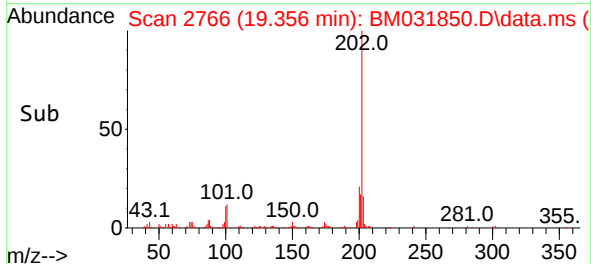
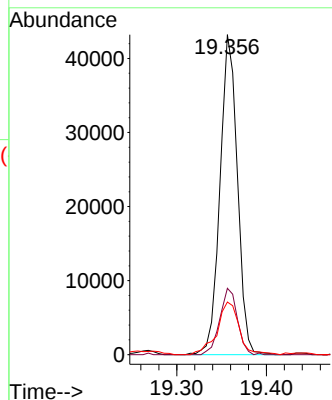
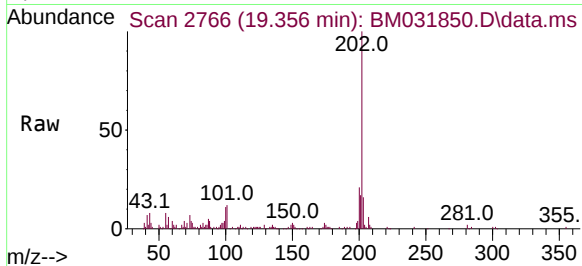




#78
Pyrene
Concen: 4.242 ng
RT: 19.356 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

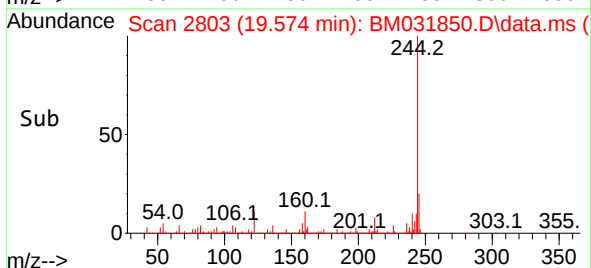
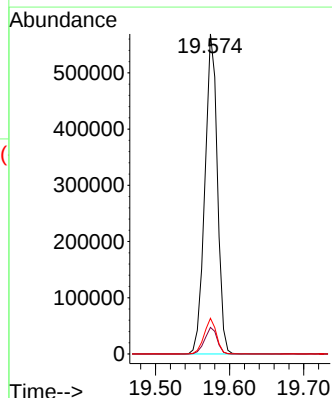
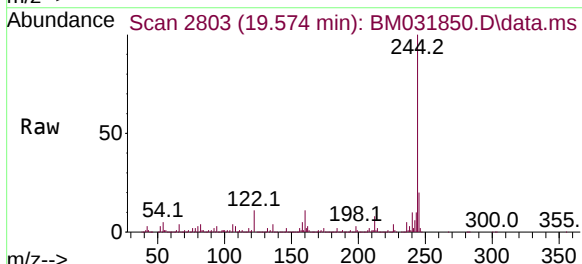
Instrument :
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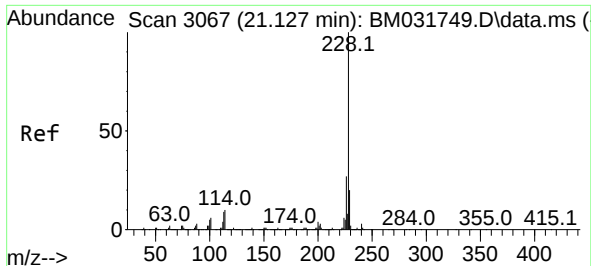
Tgt Ion:	202	Resp:	58235
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.3	25.9
203	16.4	13.9	20.9



#79
Terphenyl-d14
Concen: 59.284 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

Tgt Ion:	244	Resp:	666711
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.3	9.5
122	11.2	6.9	10.3#

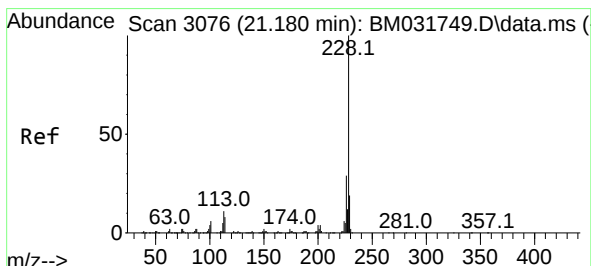
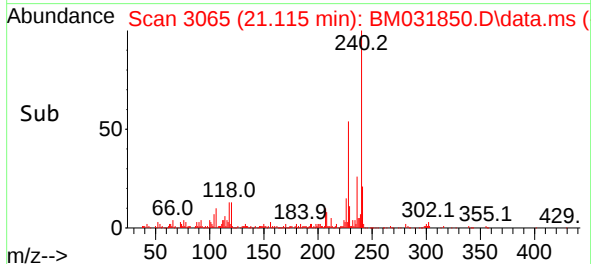
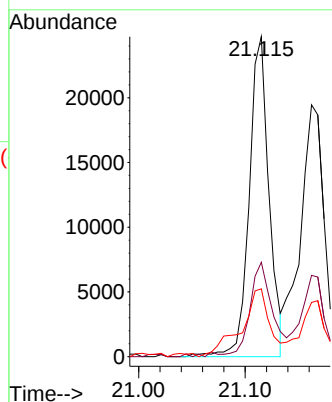
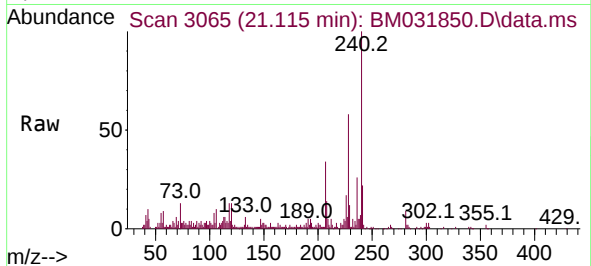




#81
Benzo(a)anthracene
Concen: 2.305 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

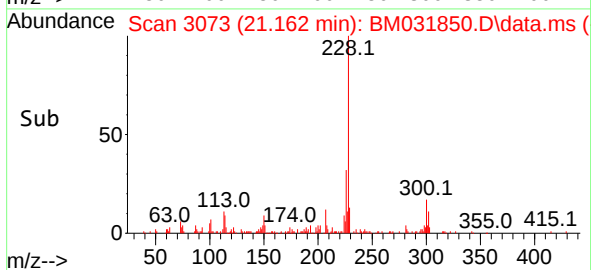
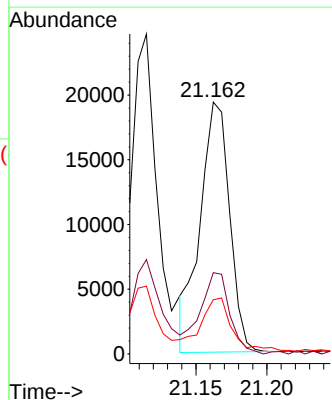
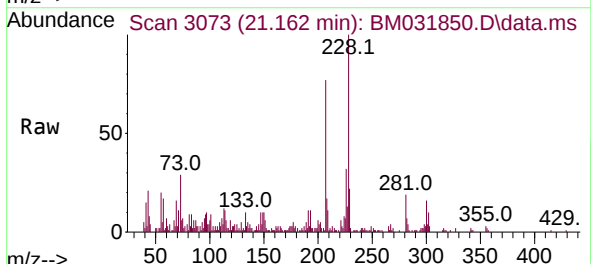
Instrument :
BNA_M
ClientSampleId :
SWCS-01-0510

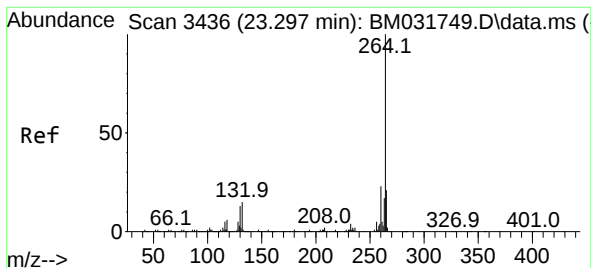
Tgt Ion:228	Resp:	31985
Ion Ratio	Lower	Upper
228	100	
226	29.5	22.3 33.5
229	21.2	15.7 23.5



#83
Chrysene
Concen: 2.068 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

Tgt Ion:228	Resp:	27981
Ion Ratio	Lower	Upper
228	100	
226	32.3	24.6 36.8
229	21.6	15.5 23.3

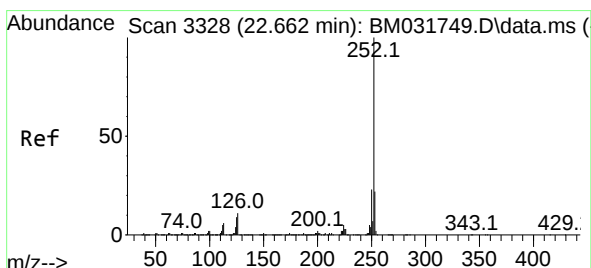
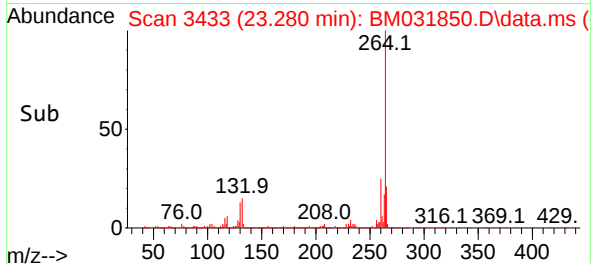
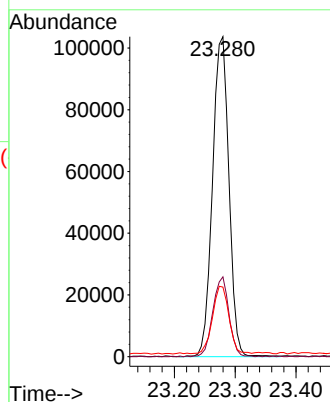
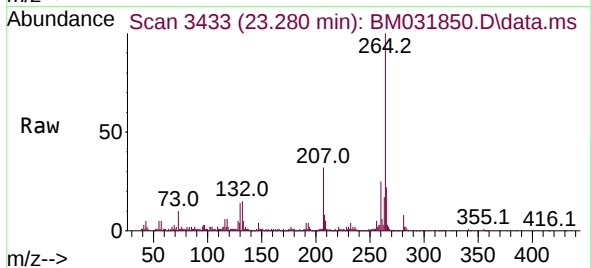




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.280 min Scan# 3433
 Delta R.T. 0.000 min
 Lab File: BM031850.D
 Acq: 20 Aug 2021 20:18

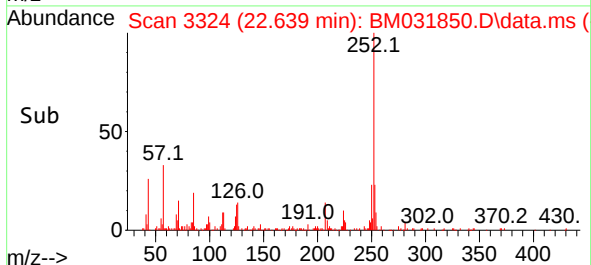
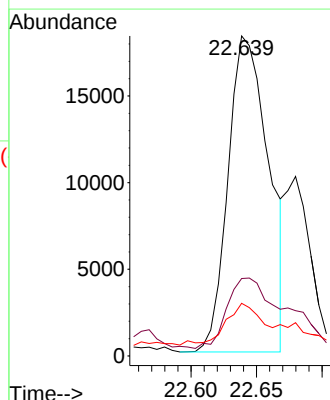
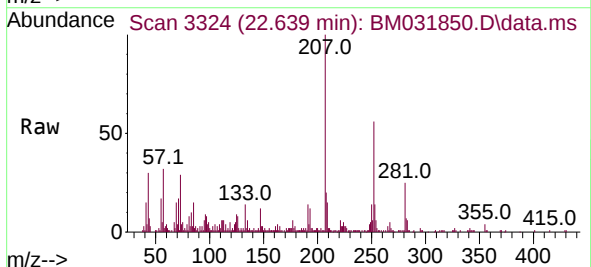
Instrument :
 BNA_M
 ClientSampleId :
 SWCS-01-0510

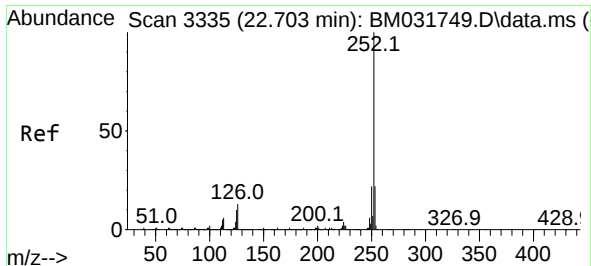
Tgt Ion:264 Resp: 194018
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 21.8 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 2.702 ng
 RT: 22.639 min Scan# 3324
 Delta R.T. -0.006 min
 Lab File: BM031850.D
 Acq: 20 Aug 2021 20:18

Tgt Ion:252 Resp: 39357
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.4 26.0
 125 16.5 6.8 10.2#

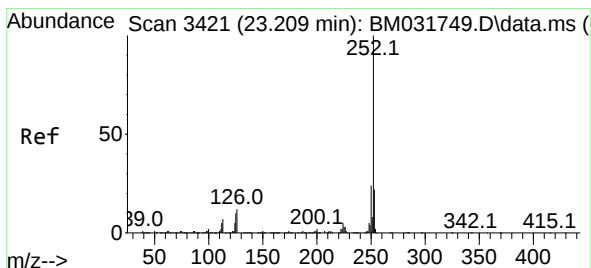
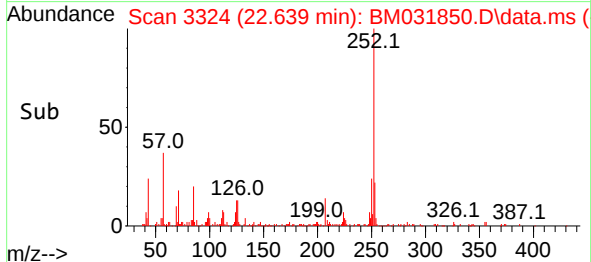
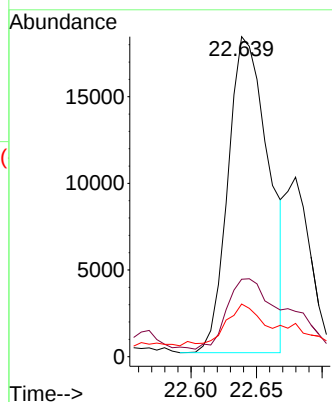
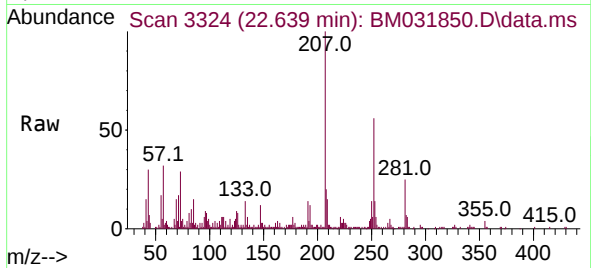




#89
Benzo(k)fluoranthene
Concen: 2.799 ng
RT: 22.639 min Scan# 3324
Delta R.T. -0.053 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

Instrument :
BNA_M
ClientSampleId :
SWCS-01-0510

Tgt Ion:252 Resp: 39357
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 16.5 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 2.147 ng
RT: 23.186 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031850.D
Acq: 20 Aug 2021 20:18

Tgt Ion:252 Resp: 27694
Ion Ratio Lower Upper
252 100
253 26.1 17.7 26.5
125 15.7 7.3 10.9#

